Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034372.D
Acq On : 23 Feb 2024 13:43
Operator : SY/MD
Sample : VIBLK329
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK329

Quant Time: Feb 24 00:47:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	57836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	57624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	29040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18704	4.176	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.532	69	16878	4.302	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.000%			
11) 1,1-Dichloroethene-d2	2.056	65	8992	4.163	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	3.831	46	28025	37.254	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.500%			
24) Chloroform-d	4.252	84	41076	5.047	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	4.950	65	22501	5.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.400%			
32) Benzene-d6	4.963	84	75137	4.346	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	5.992	67	22746	4.707	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.246	98	67307	4.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	7.567	79	4949	2.712	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 54.200%#			
46) 2-Hexanone-d5	8.030	63	39108	60.035	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.060%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16167	5.518	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	26158	4.953	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	22899	4.145	ug/L #	1
14) Carbon disulfide	2.240	76	27549	2.107	ug/L	98
16) Methylene chloride	2.449	84	2483	0.640	ug/L	88
17) Methyl tert-butyl Ether	2.706	73	109211	13.156	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	188925	45.908	ug/L	97
19) 1,1-Dichloroethane	3.114	63	7557	0.999	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	35450	7.593	ug/L	98
33) Benzene	5.018	78	2812	0.163	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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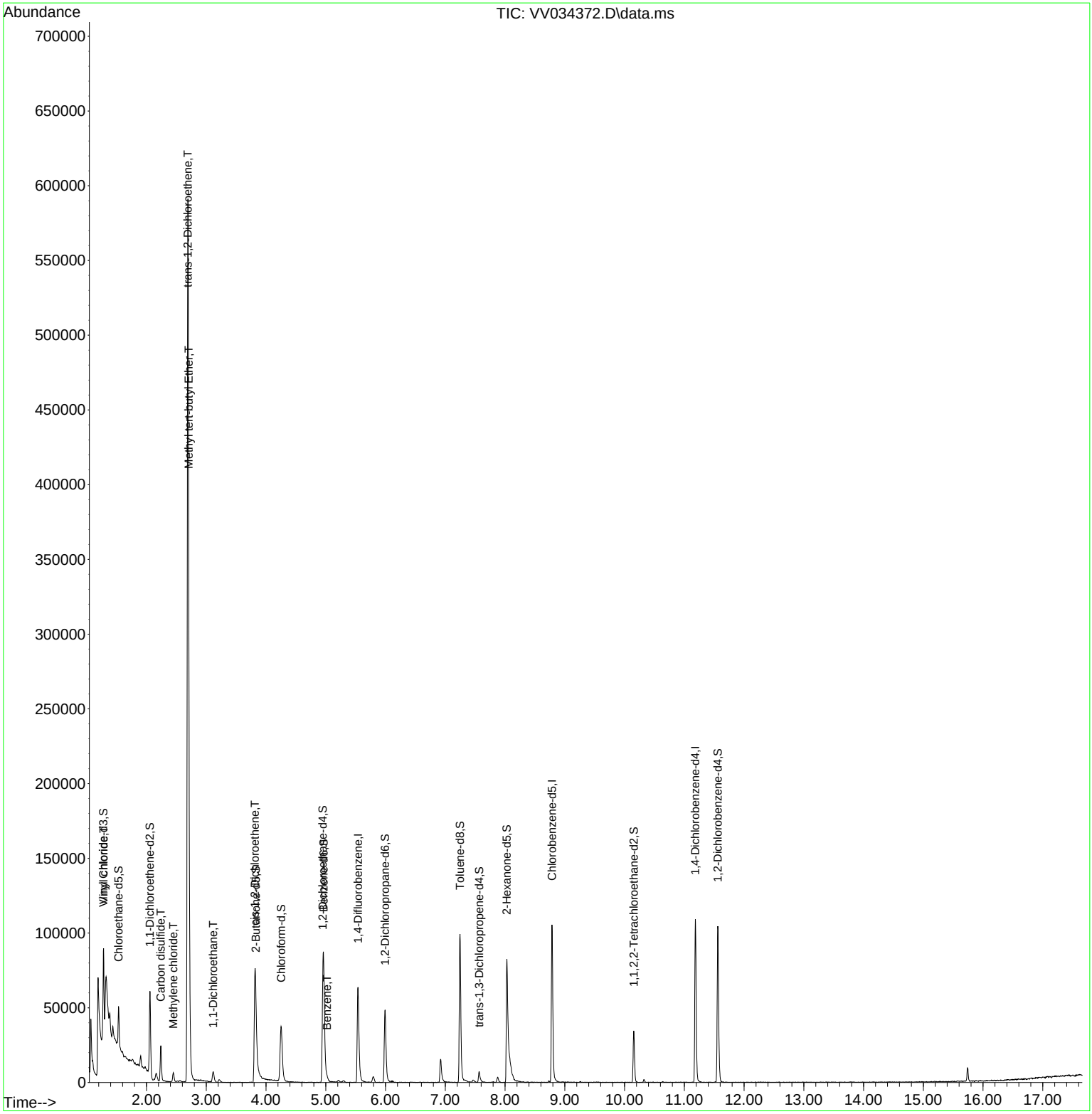
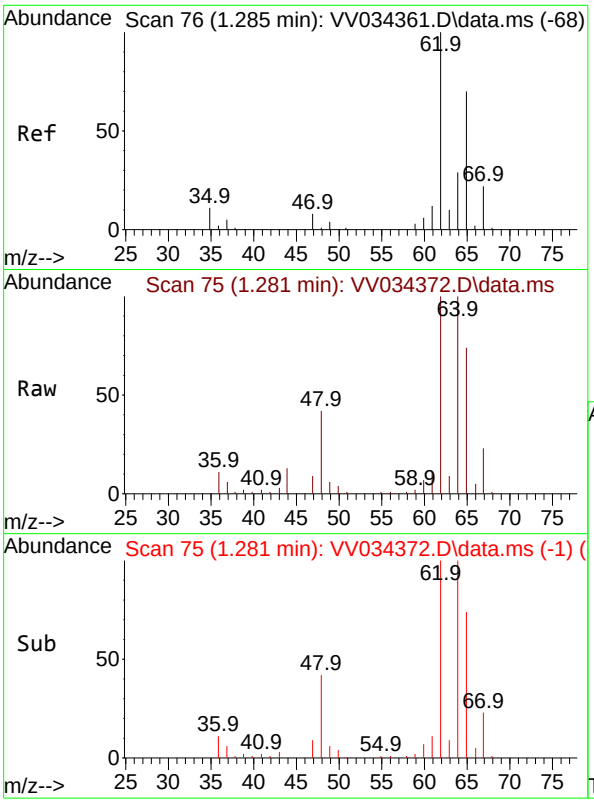


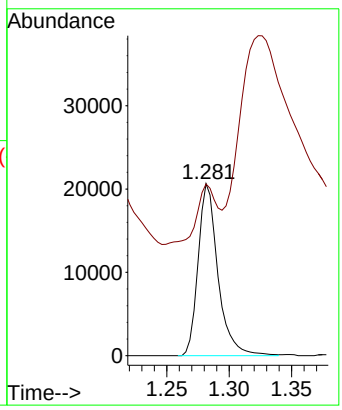


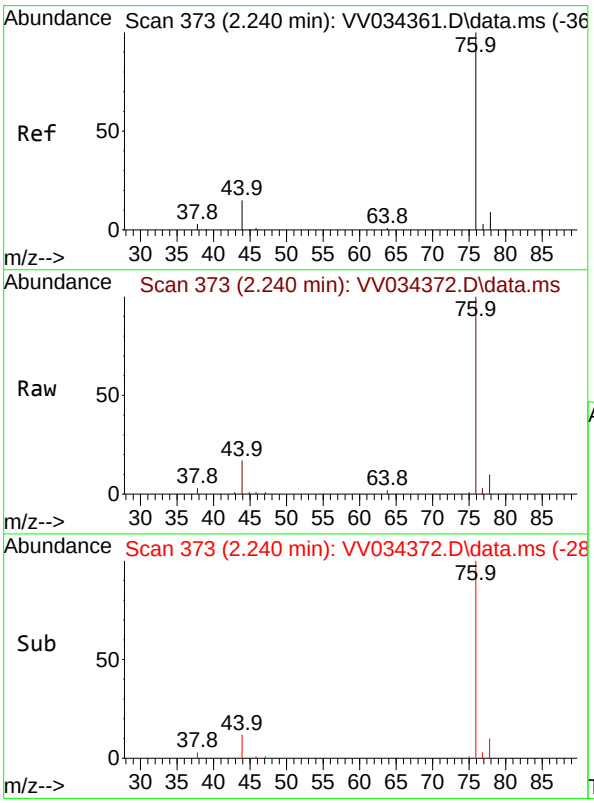
#5
Vinyl chloride
Concen: 4.145 ug/L
RT: 1.281 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK329

Tgt Ion: 62 Resp: 22899

Ion	Ratio	Lower	Upper
62	100		
64	99.8	27.2	50.4#

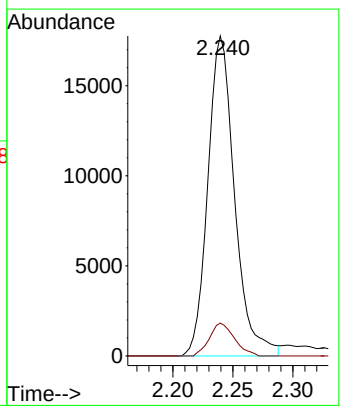


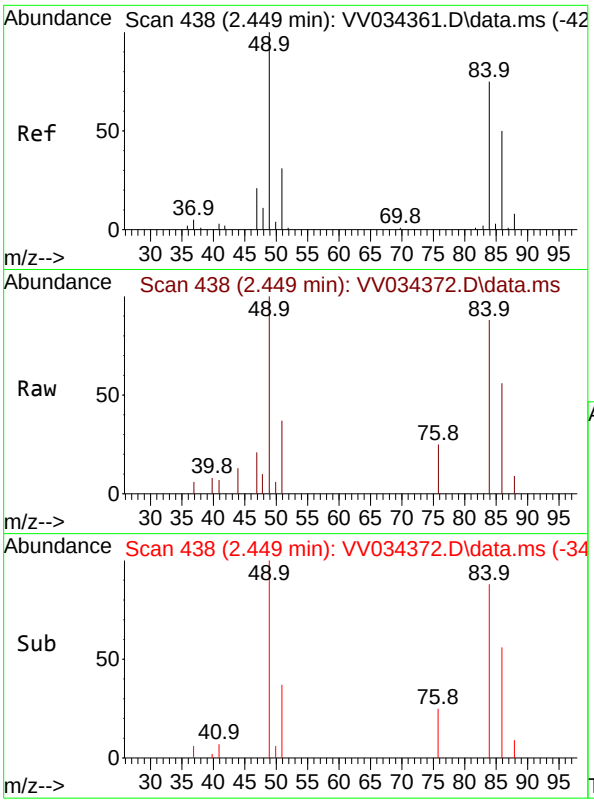


#14
Carbon disulfide
Concen: 2.107 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 76 Resp: 27549

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.5	11.3



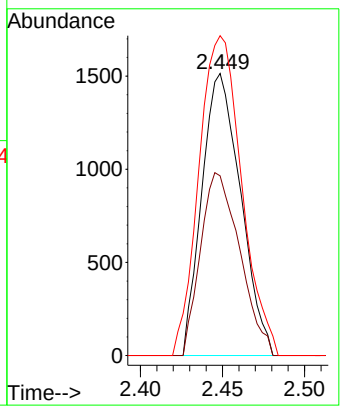


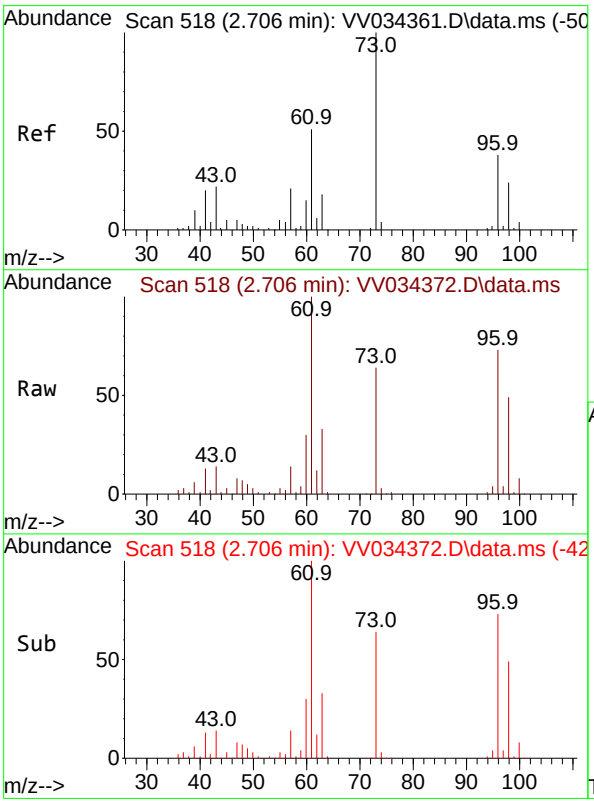
#16
Methylene chloride
Concen: 0.640 ug/L
RT: 2.449 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK329

Tgt Ion: 84 Resp: 2483

Ion	Ratio	Lower	Upper
84	100		
86	63.7	44.7	83.1
49	113.4	93.7	173.9

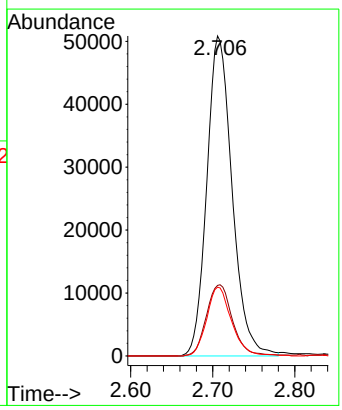


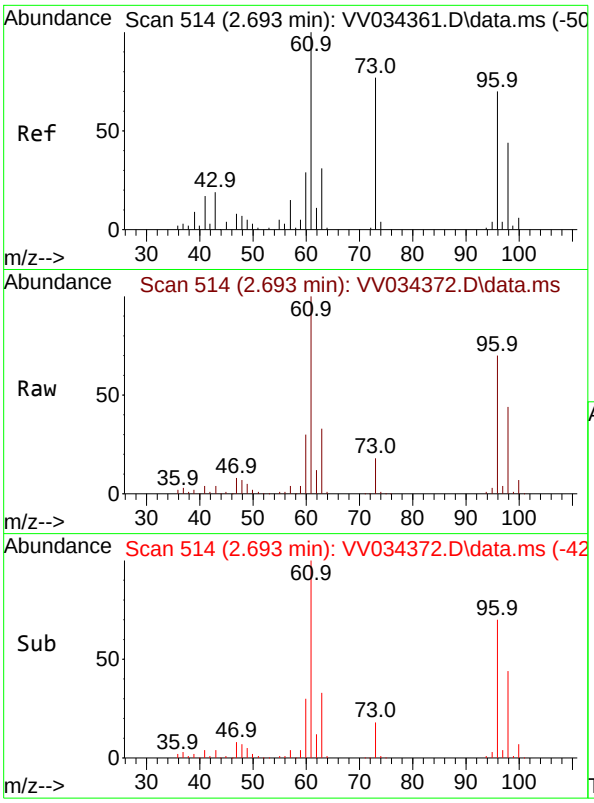


#17
Methyl tert-butyl Ether
Concen: 13.156 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 73 Resp: 109211

Ion	Ratio	Lower	Upper
73	100		
43	22.9	17.7	26.5
57	21.2	17.9	26.9



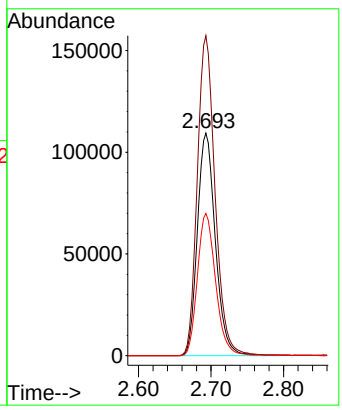


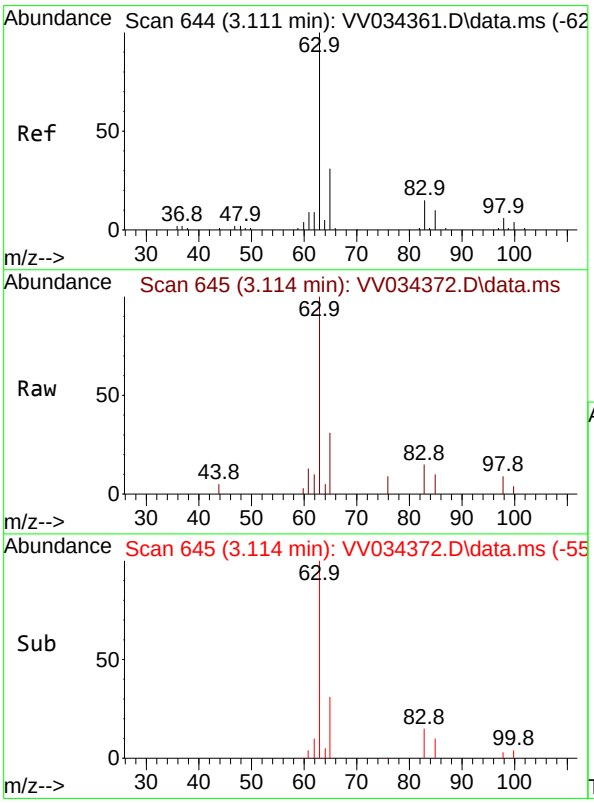
#18
trans-1,2-Dichloroethene
Concen: 45.908 ug/L
RT: 2.693 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK329

Tgt Ion: 96 Resp: 188925

Ion	Ratio	Lower	Upper
96	100		
61	143.8	97.6	181.4
98	63.9	44.4	82.5

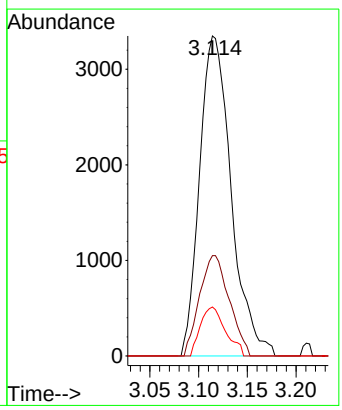


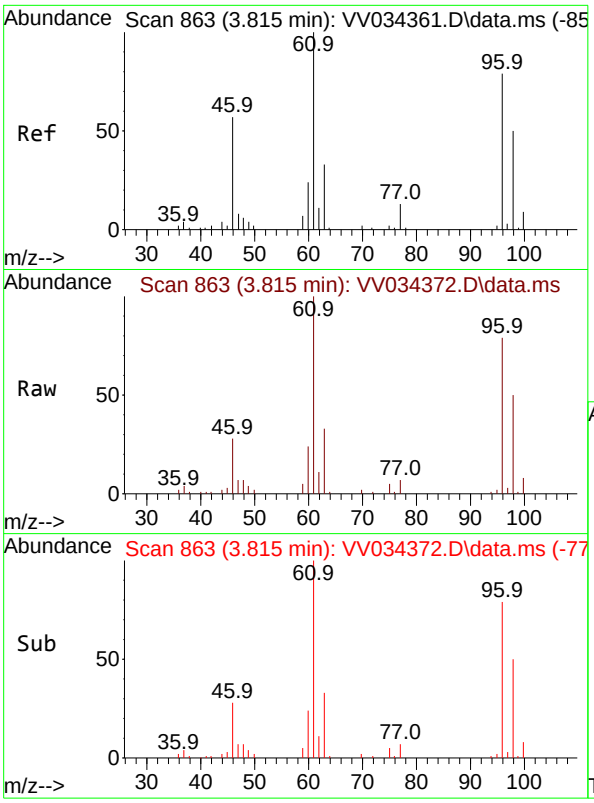


#19
1,1-Dichloroethane
Concen: 0.999 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 63 Resp: 7557

Ion	Ratio	Lower	Upper
63	100		
65	31.4	20.8	38.6
83	15.3	9.4	17.4



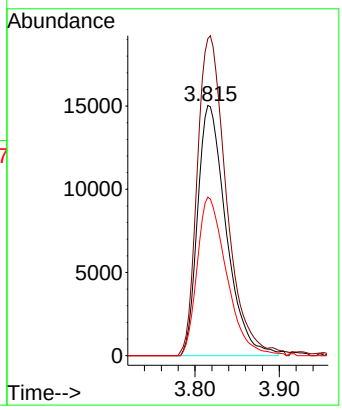


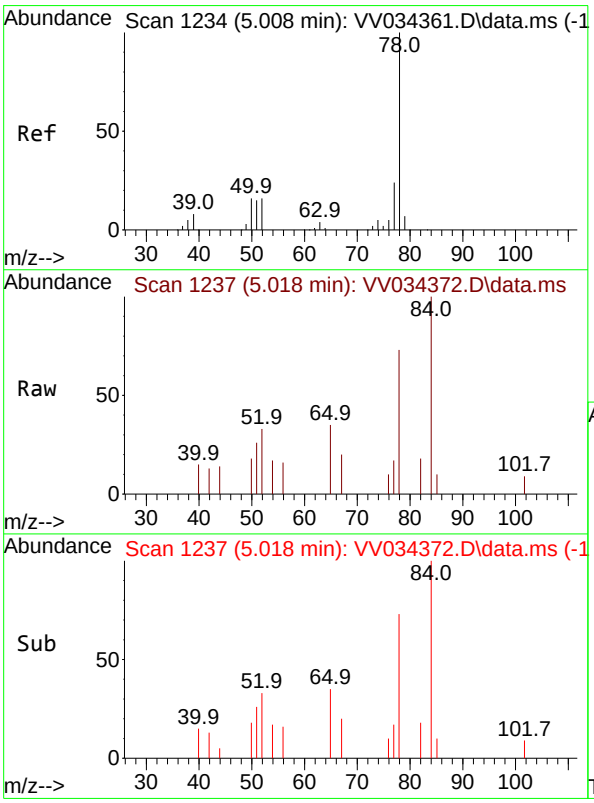
#22
cis-1,2-Dichloroethene
Concen: 7.593 ug/L
RT: 3.815 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK329

Tgt Ion: 96 Resp: 35450

Ion	Ratio	Lower	Upper
96	100		
61	126.7	90.3	167.7
98	63.4	43.2	80.2





#33
Benzene
Concen: 0.163 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.009 min
Lab File: VV034372.D
Acq: 23 Feb 2024 13:43

Tgt Ion: 78 Resp: 2812